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(54) Title: HIGH AFFINITY HUMAN ANTIBODIES TO HUMAN IL-18 RECEPTOR

(57) Abstract: An isolated antibody or antibody fragment that binds human interleukin-18 receptor alpha (hIL-18R α), comprising a light chain variable region (LCVR) selected from the group consisting of SEQ ID No: 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 61, 65, 69, 73, 77, and 81 and/or a heavy chain variable region (HCVR) selected from the group consisting of SEQ ID No: 3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51, 55, 59, 63, 67, 71, 75, and 79, or a fragment or sequence modified by an amino acid substitution, deletion or addition thereof.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K39/395 A61P1/00 A61P25/00 A61P29/00 A61P35/00
A61P37/00 C07K16/28 C12N5/20 C12N15/13 C12N15/63

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 600 022 B1 (TORIGOE KAKUJI [JP] ET AL) 29 July 2003 (2003-07-29) cited in the application the whole document	1-19
X	NISHIDA Y ET AL: "CLONING AND EXPRESSION OF A SINGLE-CHAIN FV FRAGMENT SPECIFIC FOR THE HUMAN INTERLEUKIN 18 RECEPTOR" HYBRIDOMA, LIEBERT, NEW YORK, NY, US, vol. 17, no. 6, December 1998 (1998-12), pages 577-580, XP000973543 ISSN: 0272-457X the whole document	1-19
X	WO 2006/009114 A (SEKIYAMA ATSUO [JP]) 26 January 2006 (2006-01-26) the whole document	1-19
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

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International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	VERMOT-DESROCHES CLAUDINE ET AL: "Monoclonal antibodies specific for the IL-18 receptor" CELLULAR IMMUNOLOGY, vol. 236, no. 1-2, July 2005 (2005-07), pages 101-104, XP002454081 ISSN: 0008-8749 the whole document -----	1-19
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US2007/008543

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